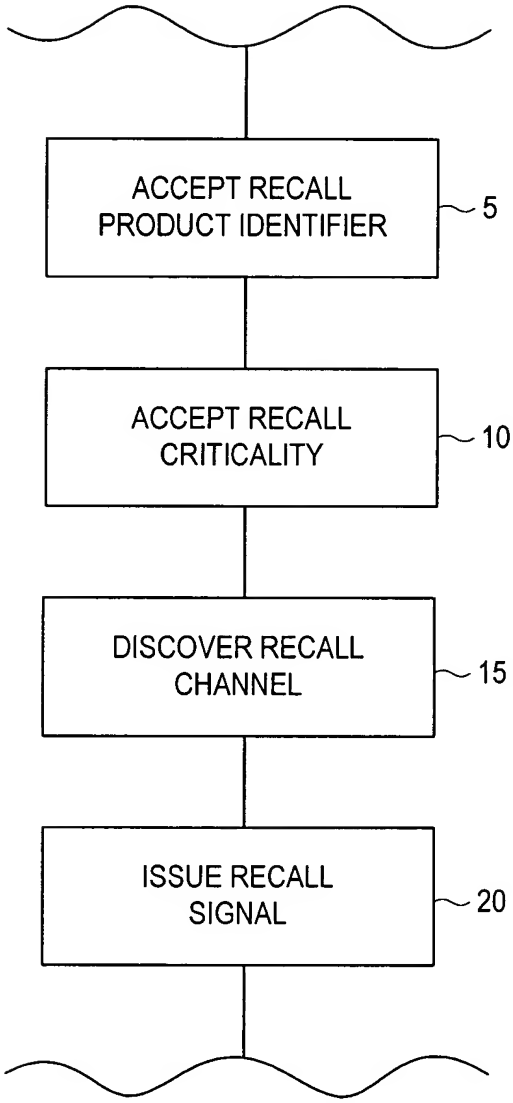

1) SKU NUMBER
2) SERIAL NUMBER
3) LOT/DATE CODE

1) URGENCY
2)MESSAGE

1)FREQUENCY
2)PRN FOR SPREAD SPECTRUM
3)DIGITAL ID NUMBER
4)NETWORK ADDRESS

FIG. 1

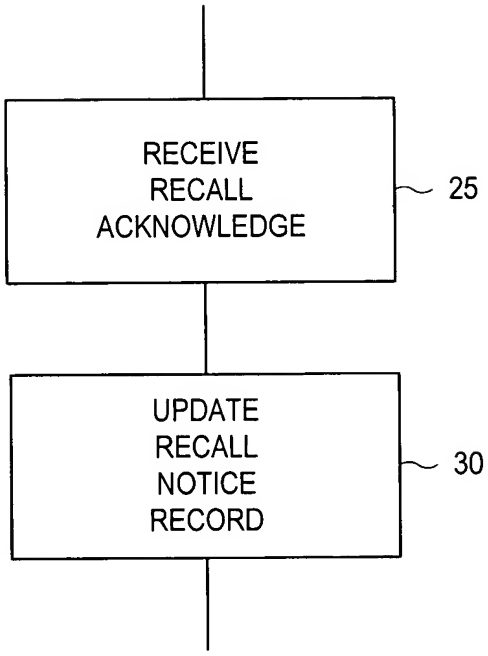
RECEIVE
RECALL
ACKNOWLEDGE
25
UPDATE
RECALL
NOTICE
RECORD
30

FIG. 2

CHANNEL TABLE

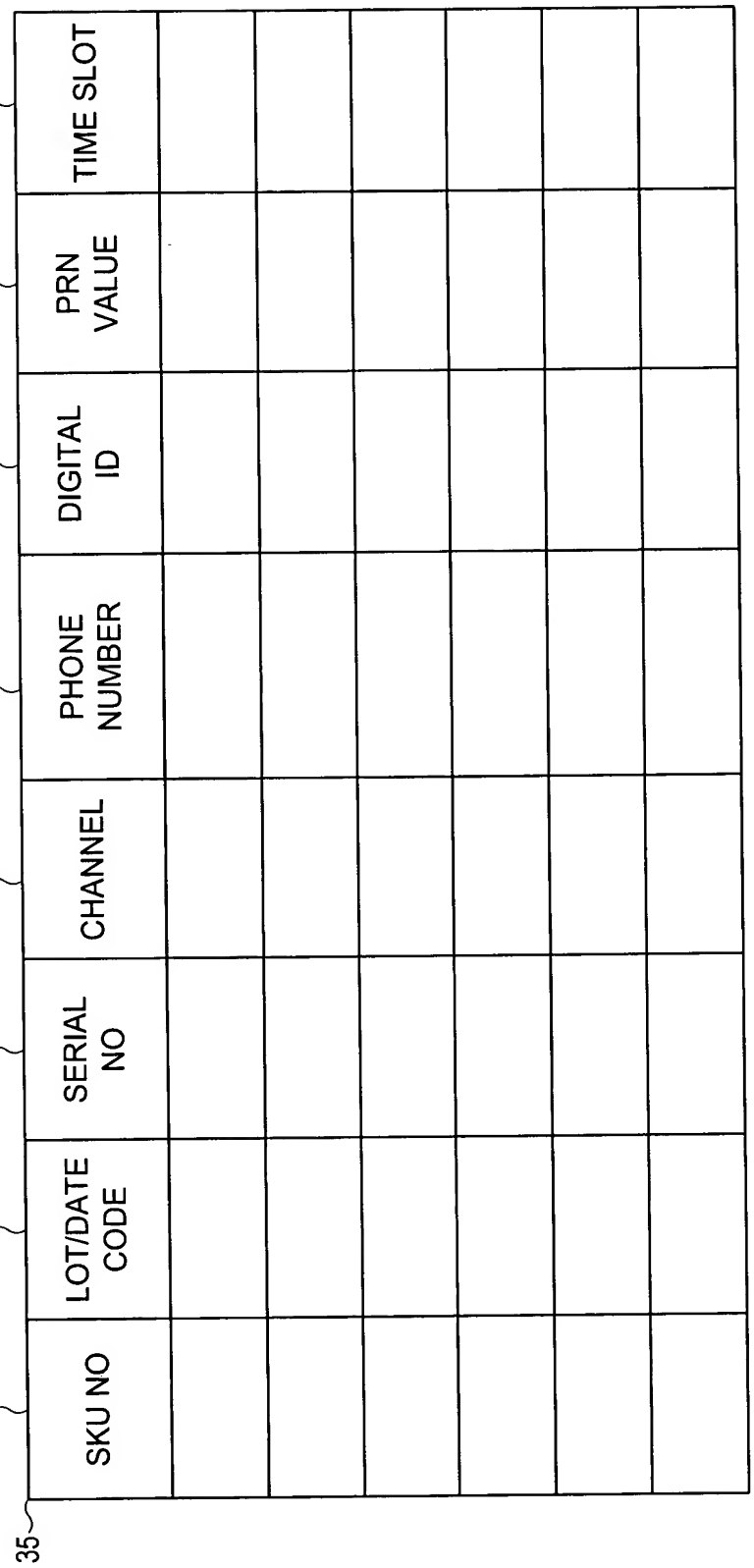

FIG. 3

RECALL ATTEMPT TABLE

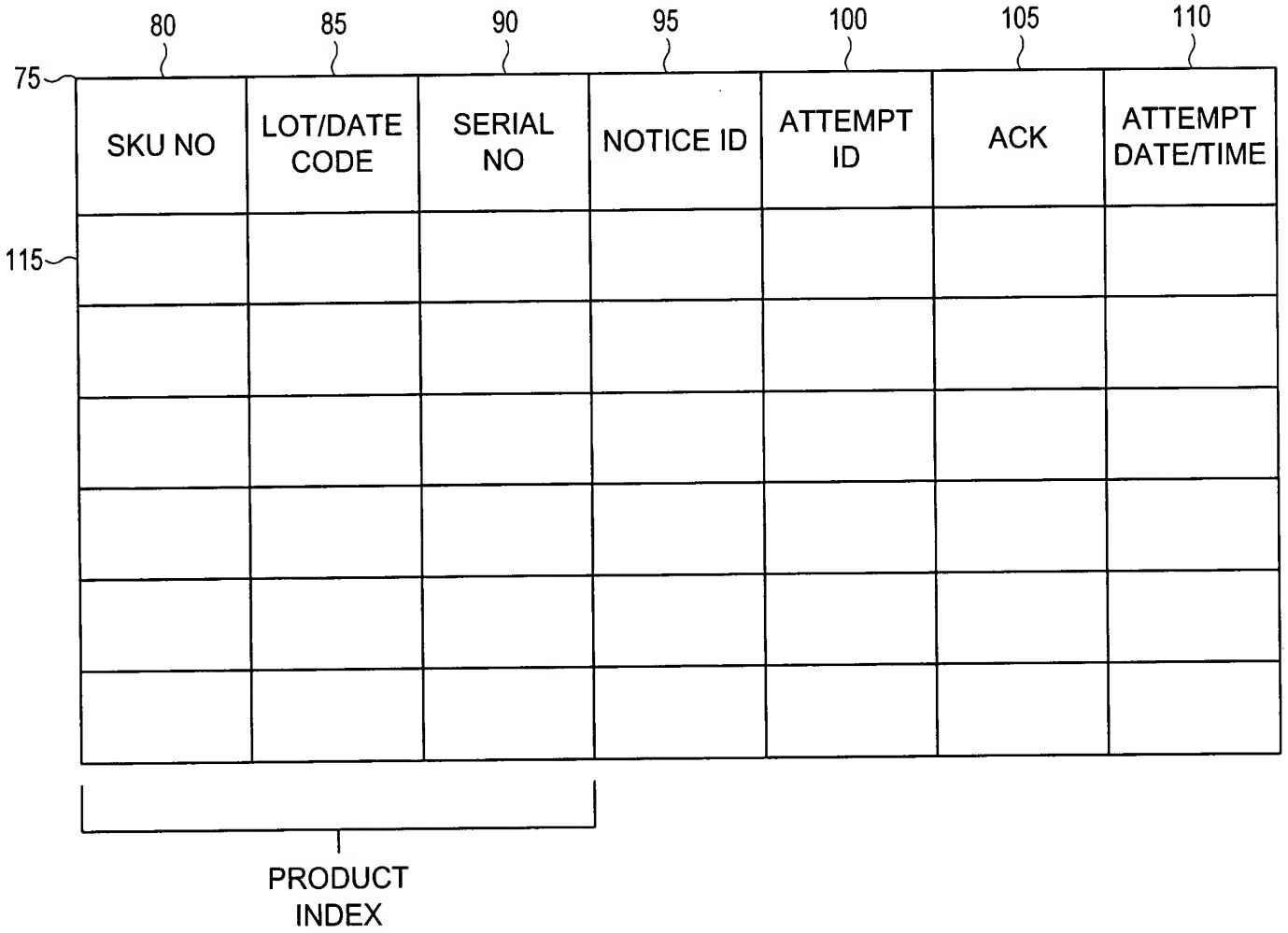

FIG. 4

NOTICE TYPE TABLE

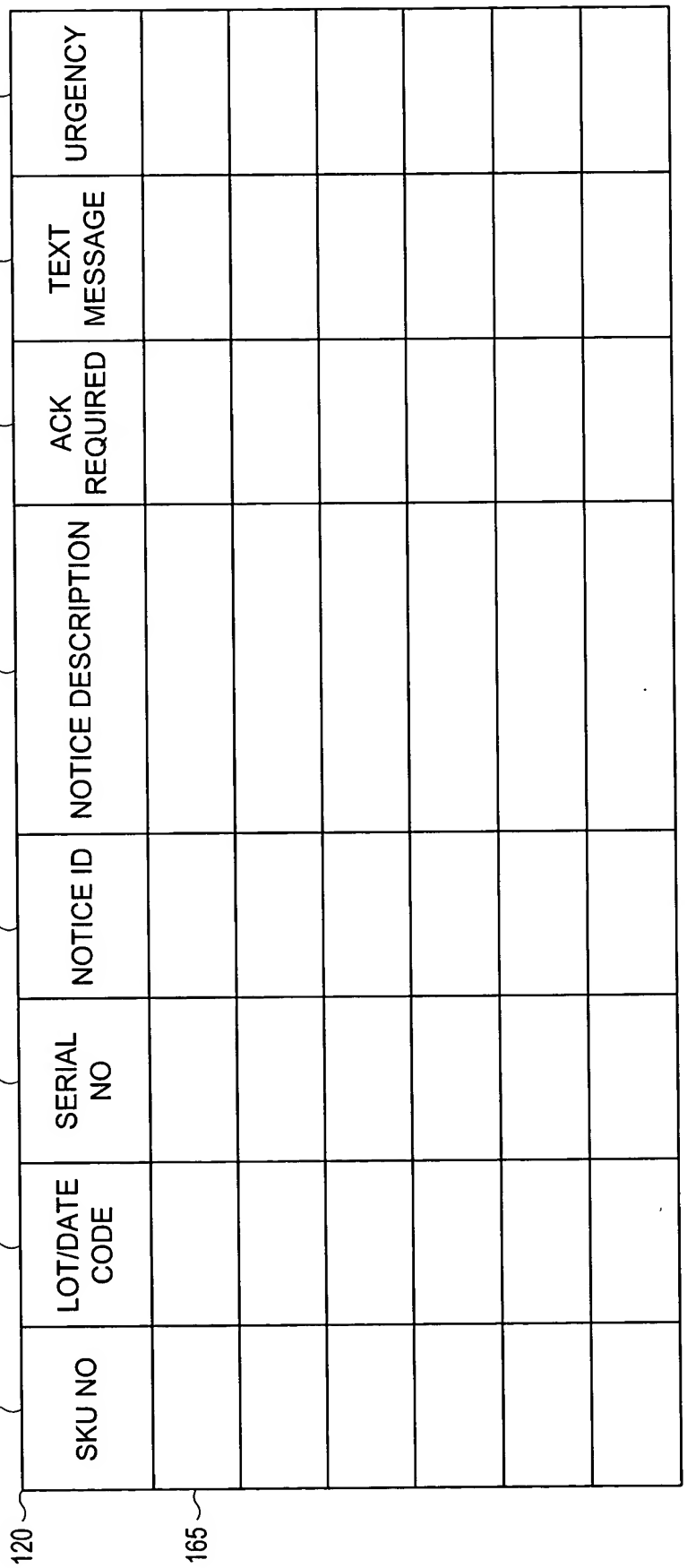

FIG. 5

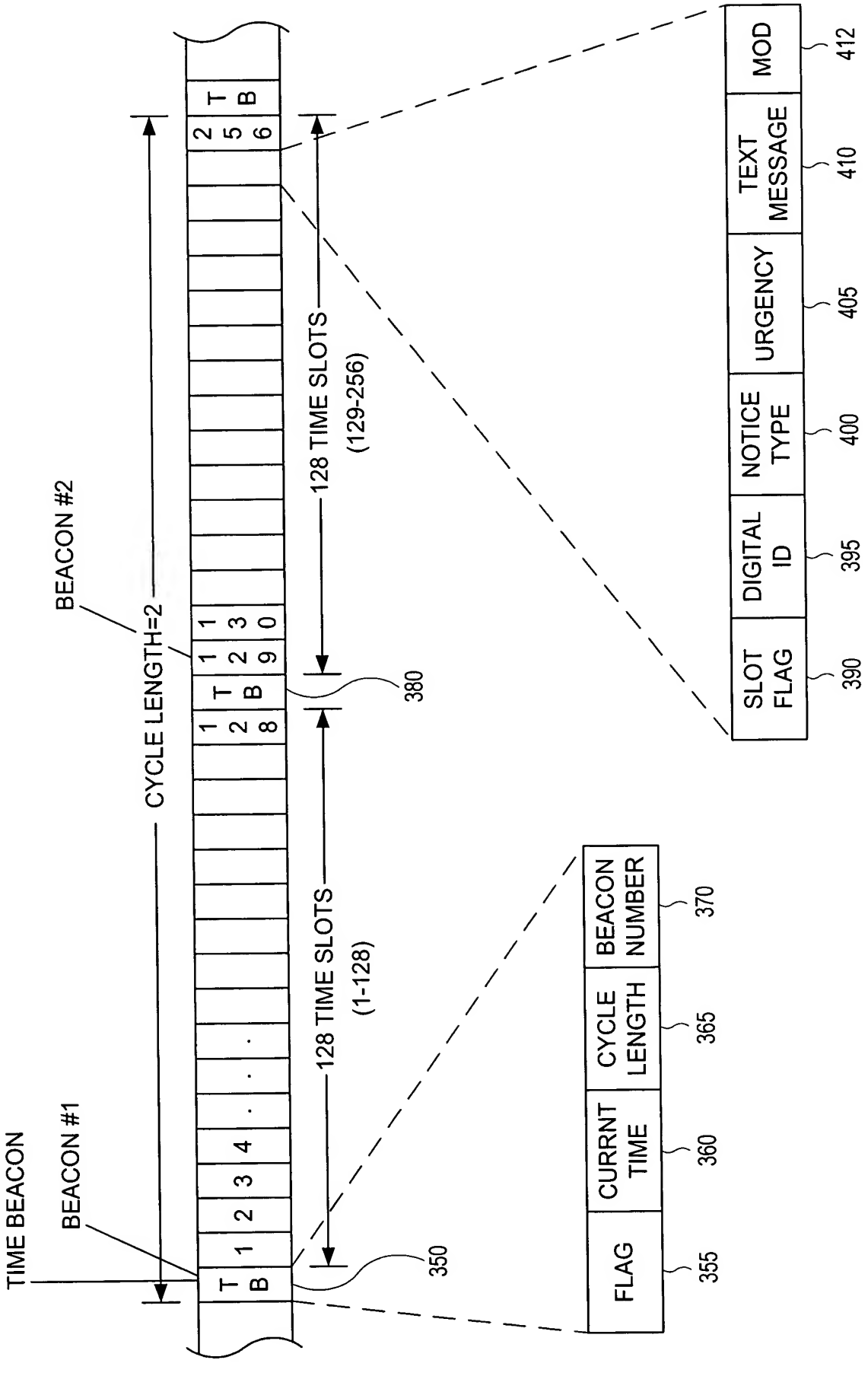
TIME BEACON
BEACON #1
BEACON #2
CYCLE LENGTH=2
TB
1
2
3
4
256
128 TIME SLOTS
(1-128)
128 TIME SLOTS
(129-256)
350
380
FLAG
CURRNT TIME
CYCLE LENGTH
BEACON NUMBER
355
360
365
370
SLOT FLAG
DIGITAL ID
NOTICE TYPE
URGENCY
TEXT MESSAGE
MOD
390
395
400
405
410
412

FIG. 6

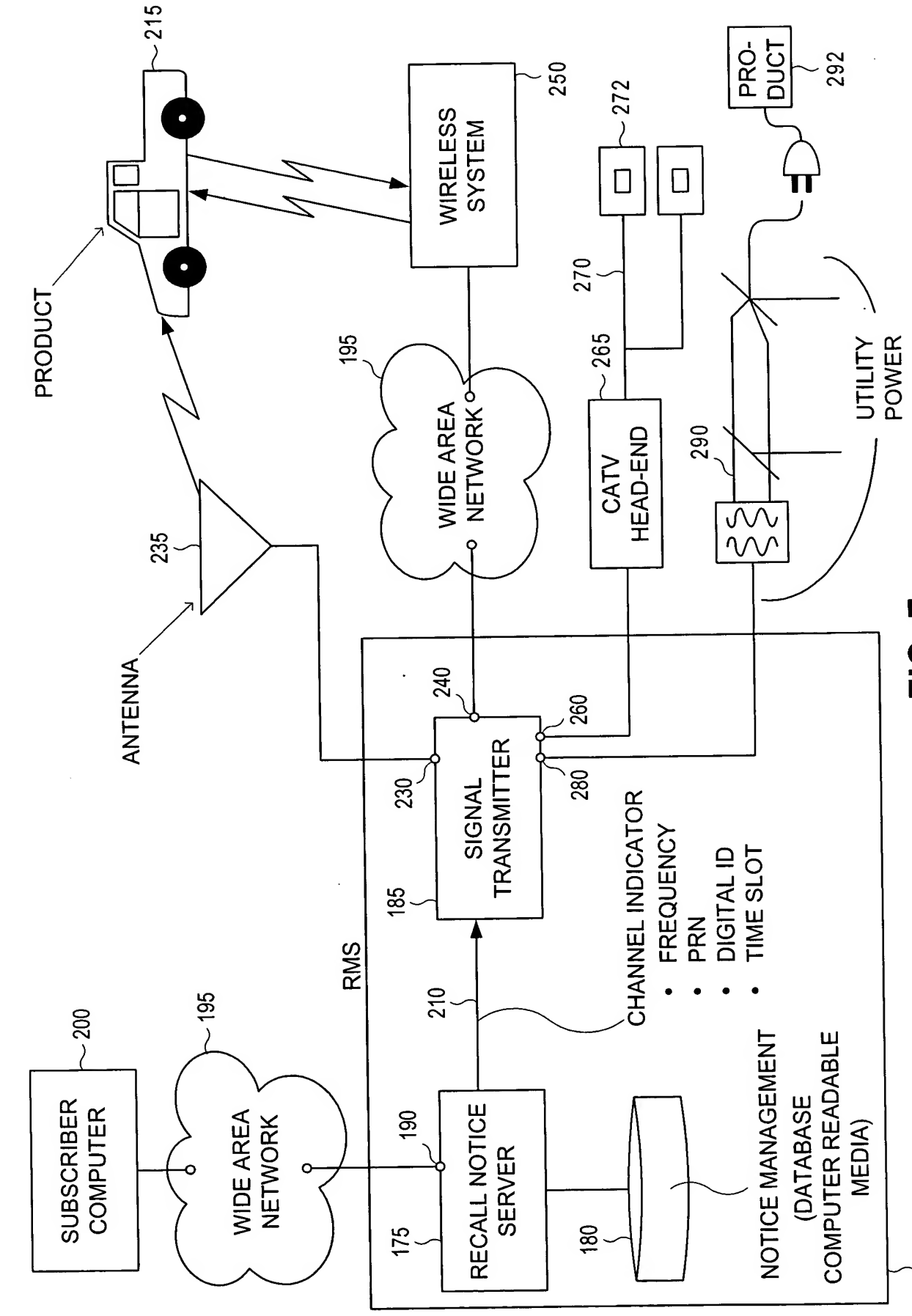
215
PRODUCT
WIRELESS SYSTEM
250
272
PRO-DUCT
292
270
265
CATV HEAD-END
195
WIDE AREA NETWORK
290
UTILITY POWER
235
ANTENNA
240
260
230
280
SIGNAL TRANSMITTER
185
RMS
CHANNEL INDICATOR
• FREQUENCY
• PRN
• DIGITAL ID
• TIME SLOT
210
200
SUBSCRIBER COMPUTER
195
WIDE AREA NETWORK
190
RECALL NOTICE SERVER
175
180
NOTICE MANAGEMENT (DATABASE COMPUTER READABLE MEDIA)
170

FIG. 7

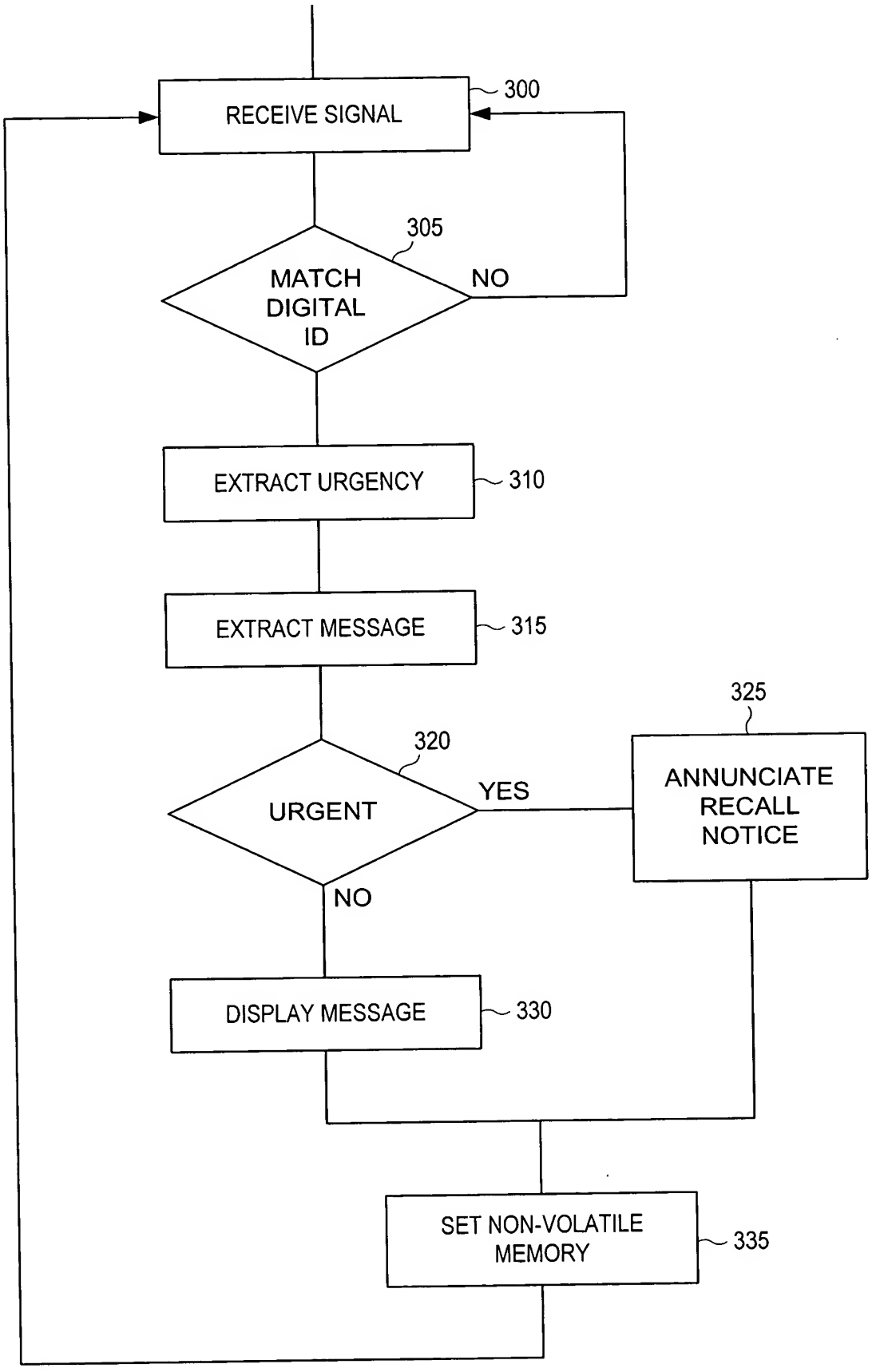
RECEIVE SIGNAL
300
MATCH DIGITAL ID
305
NO
EXTRACT URGENCY
310
EXTRACT MESSAGE
315
URGENT
320
YES
NO
325
ANNUNCIATE RECALL NOTICE
DISPLAY MESSAGE
330
SET NON-VOLATILE MEMORY
335

FIG. 8

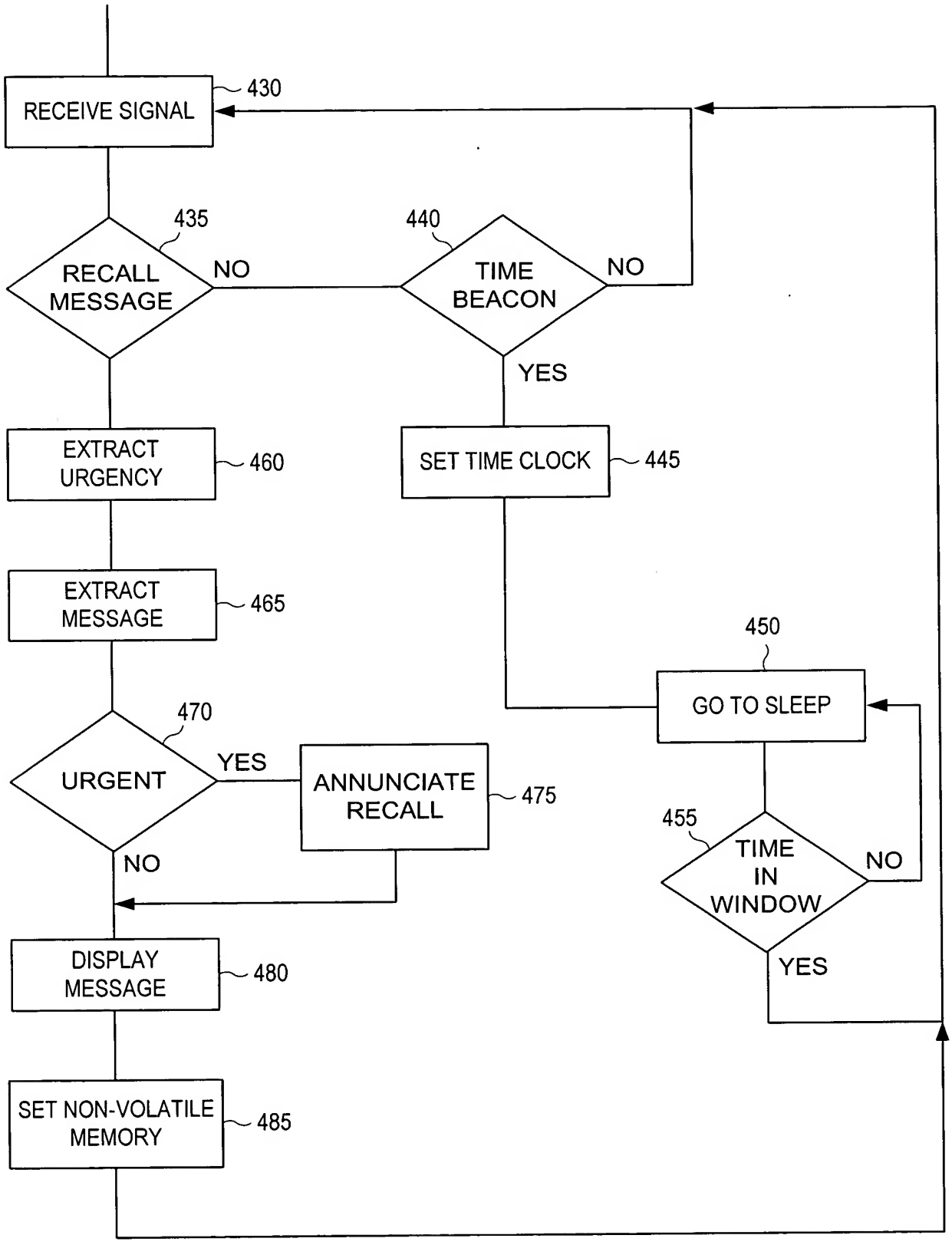
RECEIVE SIGNAL
430
RECALL MESSAGE
435
NO
TIME BEACON
440
NO
YES
EXTRACT URGENCY
460
SET TIME CLOCK
445
EXTRACT MESSAGE
465
450
GO TO SLEEP
URGENT
470
YES
ANNUNCIATE RECALL
475
NO
TIME IN WINDOW
455
NO
YES
DISPLAY MESSAGE
480
SET NON-VOLATILE MEMORY
485

FIG. 9

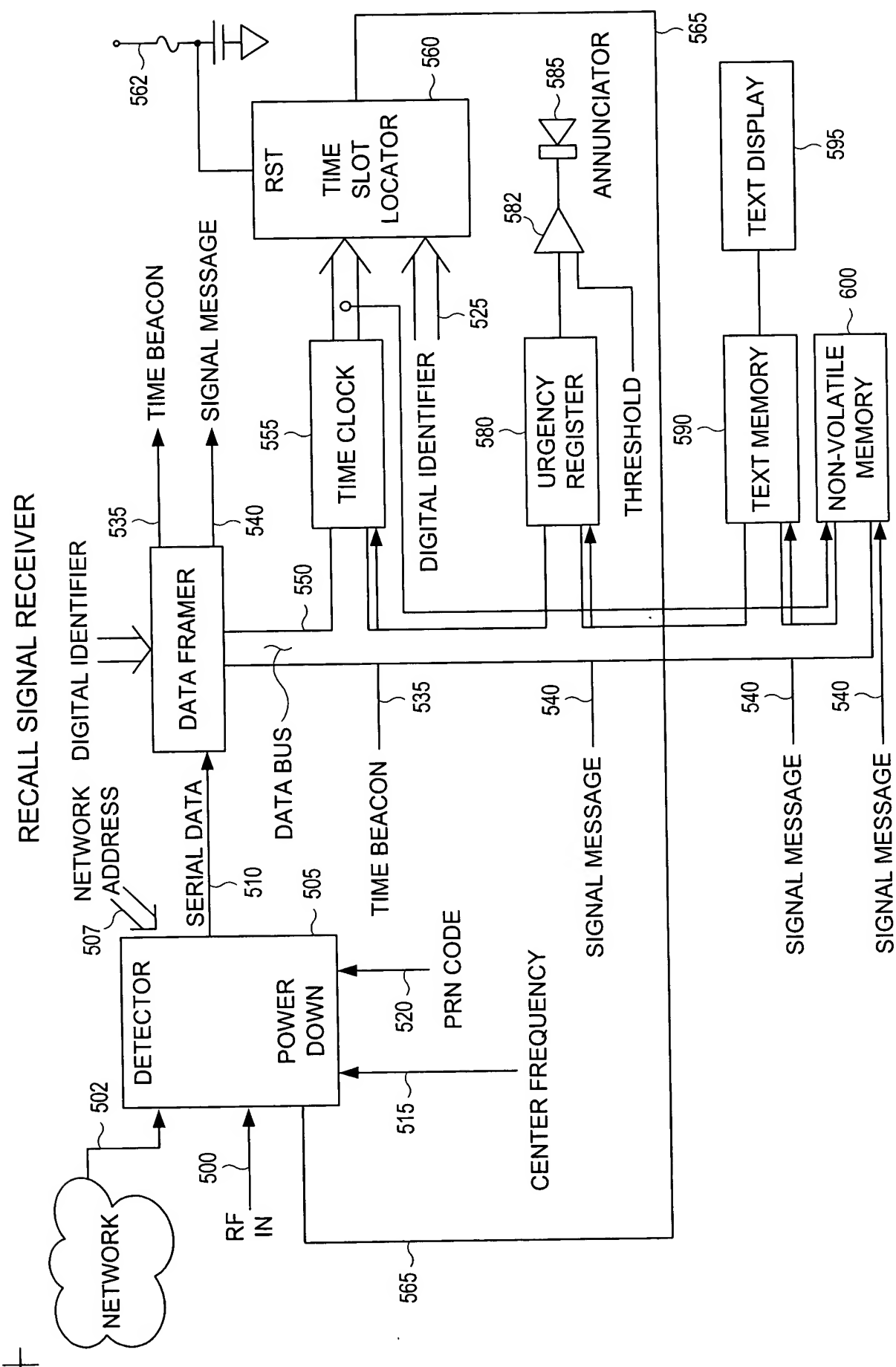
RECALL SIGNAL RECEIVER
NETWORK
RF IN
500
502
DETECTOR
POWER DOWN
505
507
NETWORK ADDRESS
SERIAL DATA
510
DIGITAL IDENTIFIER
DATA FRAMER
535
TIME BEACON
540
SIGNAL MESSAGE
550
DATA BUS
555
TIME CLOCK
560
RST
TIME SLOT LOCATOR
562
565
DIGITAL IDENTIFIER
525
580
URGENCY REGISTER
582
585
ANNUNCIATOR
THRESHOLD
590
TEXT MEMORY
595
TEXT DISPLAY
600
NON-VOLATILE MEMORY
520
PRN CODE
515
CENTER FREQUENCY

FIG. 10